

ABSTRACT

An image display system includes an image processing device and an electro-optic apparatus. The electro-optic apparatus includes a pixel matrix, where pixels including optical elements are arranged in a matrix shape, a plurality of scanning lines coupled to a pixel group arranged along either one of a row direction or a column direction of the pixel matrix, a plurality of data lines coupled to the pixel group arranged along either one of the row direction or the column direction of the pixel matrix and a scanning-line driving circuit that sequentially selects the plurality of scanning lines one by one. A data-line driving circuit outputs a control signal related to light emission of the optical elements to, at least, one data line of the plurality of data lines. A control section controls an operation of the scanning-line driving circuit and the data-line driving circuit and an input image data acquisition section obtains input image data transmitted from the image processing device. The image processing device generates the input image data to be inputted into the electro-optic apparatus and transmits the input image data to the electro-optic apparatus. The control section controls the light emission time of the optical elements by a non-sequential scanning operation that selects a scanning line in a discontinuous order against an arranged order of the scanning lines, based on gradation data of a predetermined bit length corresponding to the input image data and a number of light emission gradation of the optical element, and gradationally displays an input image on a display area defined by a predetermined number of the scanning lines and the data lines.